

# Tuition Policy Condemned

BY BRUCE ROLSTON

THE PROVINCE'S ANNOUNCEMENT that universities can raise tuition rates by 10 per cent is receiving widespread disapproval at U of T.

President Robert Prichard criticized the increase — netting about \$7.6 million for U of T — saying it hardly begins to make up for the \$56 million cut to the university's funding that the province imposed a year ago. At the same time some students registered their disapproval of the hike in tuition by occupying Prichard's office last week.

Prichard said education minister John Snodden's decision Feb. 5 to only allow a limited tuition hike fits in the face of the minister's own advisory panel's recommendation last December to deregulate tuition fees. Prichard said he has no choice but to recommend that Governing Council raise tuition the full 10 per cent if the quality of the university's academic programs is to be preserved.

"The tuition fee debate is all about

the quality of academic programs. Students are attracted to the University of Toronto because of our longstanding commitment to provide a learning experience competitive with the best in the world. Failing to do everything in our power to preserve the quality of our programs would be the greatest betrayal of these students."

The announcement also received province-wide criticism from college and university heads. "This should not be seen as a huge gain for universities," and David Scott, Council of Ontario Universities policy advisor. "While the government portrays this [tuition increase] as a choice, we really hold it down to no choice."

But ministry spokesperson Jamie Mackay said the province is just trying to balance the demands of universities, which want increased funding, and the student groups, who oppose tuition hikes. "When you're criticized by both of the competing

~ See POLICY: Page 3 ~

# Cutbacks Hurt Nurses, Seniors

BY MICHAEL RYNOR

FISCAL RESTRAINT AND FUNDING cuts at hospitals are endangering not only the health of seniors but also the health of nurses and other professionals, a study on patient discharge planning shows.

Hospitals are in the midst of massive restructuring with bed and hospital closures. "In this environment a patient has to be discharged within a predictable time frame," says Professor Donna Wells of the Faculty of Nursing, who headed the study. "Hospital stays have to be kept short so the pressure on health practitioners to discharge patients quickly is intense. It's push, push, push to get the patient out and this puts caregivers like nurses in a highly stressful ethical conflict between their loyalty to the hospital and their loyalty to the patients."

The study was done in collaboration with Professors Douglas Martin and Peter Singer of the Joint Centre of Bioethics and Anne Moorhouse and Dorothy Craig of nursing and Julie Foley of Placement Coordination Services in Metro Toronto. Wells is somewhat disheartened by what they found. "The research shows that the decision-making process wasn't closely linked to the realistic, clinical progress of a patient," she says. "There's tremendous

pressure to get patients out of the hospital so a lot of time and effort goes into planning their discharge without a lot of corresponding information about their needs."

The study also reveals that patients, their families and nurses felt left out of the discharge process. A major problem is that no one can adequately predict how long it will take a senior citizen to recuperate. "Seniors often develop other physical or psychological problems after they get ill and it can be a long time before they get back on their feet," says Wells. "We also have to take into consideration whether or not their families are equipped to handle them once they're discharged."

Prior to this study, medical professionals and hospital administrators didn't have much concrete research on the consequences of trying to discharge seniors too quickly. "The way we currently discharge the elderly is inefficient," argues Wells. "We pump too many resources into the discharge process before we even have a medical or psychosocial picture to make accurate decisions."

Wanting to find a workable solution to these growing problems, Wells and her team began the in-depth study, funded by the Social Sciences and Humanities Research

~ See CUTS: Page 2 ~

# THE VISION OF COXETER



Professor Ronald Brown (left) of the Bangor School of Mathematics at the University of Wales presents the sculpture *Firmament* to Professor Emeritus Donald Coxeter on his 90th birthday celebrated at the Fields Institute.

ONE OF THE UNIVERSITY'S LEADING, AND OLDEST, scholars celebrated his 90th birthday Feb. 9 in the company of colleagues from near and far.

Professor Emeritus Donald Coxeter of mathematics is widely recognized as the world's greatest living geometer. He has taught mathematics and geometry at U of T for 60 years, published articles for 70 years and holds nine honorary doctorates.

To celebrate Coxeter, members of the department of mathematics presented him with a scholarship in his name. The goal is to build a \$1 million endowment and establish the Society of Coxeter Scholars. Already \$120,000 has been raised.

The Fields Institute for Research in Mathematical Sciences marked the birthday with an afternoon celebrating mathematics in the arts. Coxeter and Professor Ronald Brown of the University of Wales presented lectures on geometry and art and both discussed the work of John Robinson, the British sculptor whose work

*Intuition* later was unveiled outside the institute on College Street. The four-foot high polished stainless steel structure of interlaced triangles represents, in the artist's own words, "a knotted core of stability within the centre of knowledge from which comes sparks of originality and invention, often for no apparent reason. We call these sparks intuition."

Robinson also sent Coxeter a personal gift for his birthday, a sculpture called *Firmament*, built according to the principles of "geometric progression" discovered by Coxeter. The two men discussed the concept a few years ago after which Robinson made a model of Coxeter's vision.

Coxeter recently discussed the nature of mathematics with the *University of Toronto Magazine*. "It's certainly more an art than a science," he said in an interview to be published later this spring. "Art is for esthetic appreciation, whereas science is for understanding the real world."

# Slowpoke May Come to a Halt

AN ADVISORY COMMITTEE HAS recommended that the university decommission its Slowpoke reactor rather than spend the \$1.1 million required to keep it operating.

The 20-year-old reactor's core is nearing the end of its operational life and must be replaced if Slowpoke is to operate past 1999. The 20kW Canadian-designed research instrument is used by researchers for neutron activation analysis, where a substance's makeup is determined by measuring its radioactive profile.

Professor Heather Munroe-Blum, vice-president (research and international relations), established the advisory committee last March to advise her whether the reactor should be re-core or decommissioned, after the Natural Sciences and Engineering Research Council declined to pay the cost of core replacement.

In accepting the report Munroe-Blum said she hoped her final decision will be preceded by a university-wide dialogue on the merits of decommissioning. "I want to encourage those

who read the report to carefully reflect on it and send me their comments," she said.

NSERC, which has already committed to re-core two other first-generation Slowpokes, at Ecole Polytechnique and Dalhousie University, balked at assuming the cost for U of T. The council cited the existence of two other research reactors in Ontario, at McMaster University and Royal Military College, as one reason for its decision.

NSERC is also withdrawing its \$60,000 a year in operating support for the reactor. Munroe-Blum's office currently contributes another \$60,000.

About 100 U of T researchers use the facility annually. Two university staff jobs are associated with the facility.

The committee, chaired by Professor Emeritus Gordon Slemon of electrical and computer engineering, heard from the university's leading users of Slowpoke. All agreed

# Good News?

TOMORROW'S FEDERAL BUDGET may hold good news for universities, according to a speech by Prime Minister Jean Chrétien to the Ottawa-Carleton Board of Trade Feb. 13.

"What we can do and are doing is work to ensure that Canada and Canadians are winners in this new global economy. An economy which

above all focuses on knowledge and our knowledge capacity," Chrétien said.

"That means helping our universities modernize and enhance their science capacity. It means helping our teaching hospitals improve their research capacity. It means increasing our investments in new technologies, research and development."

~ See SLOWPOKE: Page 2 ~

## IN BRIEF



### Student aid referendum in March

THE STUDENTS' ADMINISTRATIVE COUNCIL WILL HOLD A REFERENDUM on March 25 and 26 asking students if they want to give \$30 a year for the next five years to help fellow students in need. The money collected through this levy is contingent on the university and the provincial government making equal contributions. The total would amount to an estimated \$5 million. Students who don't wish to participate in the levy will have the right to opt out. If the referendum passes, the levy takes effect this September. By the end of the five-year period the fund will generate \$250,000 every year in scholarships, SAC hopes.

### Two Sloan Fellows named

TWO U OF T PROFESSORS HAVE WON A PRESTIGIOUS ALFRED P. SLOAN Research Fellowship — Thomas Mason of physics and Boris Khesin of mathematics. The two-year, \$35,000 US fellowships are awarded to outstanding young scientists by the Alfred P. Sloan Foundation of New York to support them early in their careers when other research funds may be difficult to obtain. One hundred fellowships are given each year. Mason, who joined U of T in 1993, specializes in neutron scattering and magnetism and high temperature superconductivity research. This type of research is crucial, he says, because it reveals the underlying origins of the properties of technologically important materials. Khesin, who joined the university last summer, holds master's and doctoral degrees from the Moscow State University and has worked in France, Germany and the U.S. His areas of expertise are hydrodynamics and dynamical systems as well as infinite dimensional Poisson geometry and Lie groups.

### Fewer giving to United Way

THE 1996 UNITED WAY STAFF-FACULTY CAMPAIGN HAS RAISED \$525,195, almost \$30,000 short of its goal and three per cent less than the 1995 campaign. The participation rate was 25 per cent in 1996 compared with 27 per cent in 1995. "We have noticed in each of the past couple of years that fewer people are giving," says Dorothy Pringle, dean of the Faculty of Nursing and campaign co-chair. "For the 1997 campaign we are hoping to encourage a greater percentage of U of T faculty and staff to give to the United Way. If all current non-donors gave a small amount, even \$5 per month, the university's campaign would be overwhelmingly successful."

### Turner leaves Hart House

HART HOUSE WARDEN PETER TURNER IS LEAVING U OF T TO BECOME vice-president for operations and learning support at Royal Roads University in Victoria, B.C. Turner's term as warden saw the student centre go from being subsidized by the university to being self-funded through membership fees. The departing warden praised the staff and student members of Hart House for their support during his term: "It has been a really fabulous five years." Turner said he hoped he will be considered "a sort of warden emeritus." "I will do anything I can to help Hart House in the future. I think it's a unique institution." A search for a new warden began last fall. An interim warden has yet to be named.

### Nocturnal smoker fined

A STUDENT HAS LEARNED THE HARD WAY THAT SMOKING INSIDE UNIVERSITY buildings isn't tolerated. On Feb. 10 at 2 a.m. a campus police officer on routine patrol in the Pratt Building discovered the student puffing on a cigarette and issued a provincial offences ticket for smoking in a workplace. The ticket carries a fine of \$125.

### Libracer not a suspect

A LARGE BRASS CHANDELIER WORTH \$1,000 WAS STOLEN FROM the loading dock of 215 Huron St. on Jan. 17. The antique lighting fixture weighs approximately 13.5 kilograms, measures about 100 by 65 centimetres and has seven curved stems. Witnesses say two people in a new white pickup truck with a load of scrap metal in the back stopped and took the chandelier at around 2:40 p.m. It had been brought from Whitney Hall for repairs. Anyone with details regarding the theft is asked to contact campus police at 978-2323.

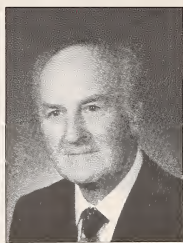
## IN MEMORIAM

# A Man of Intellectual Integrity

BY URSULA FRANKLIN

WITH THE DEATH OF PROFESSOR John Bratina on Jan. 18 of heart disease the department of metallurgy and materials science lost one of its most respected teachers and researchers.

After receiving undergraduate degrees from the universities of Zagreb and Ljubljana, he earned his PhD in 1954 from U of T. Bratina then joined the Ontario Research Foundation, now ORTEC Inc., where he rose to the position of senior scientist and became well-known for his meticulous and imaginative experimentation in many areas of physical metallurgy and for his profound theoretical knowledge. In 1978 he rejoined the Faculty of Applied Science and Engineering and retired



in 1993 due to ill health.

In the late 1960s, much earlier than many of his colleagues, Bratina became interested in surgical implants and his research began to shift towards biomaterials; his work on hip implants was the beginning of a

long cross-disciplinary co-operation which was encouraged and supported by his wife, Gloria Bratina, a family physician.

For John Bratina interdisciplinary collaboration was a natural mode of research and teaching. A lover of music and art, he had a deep understanding of scholarship as well as a keen sense of humor. His many scientific papers and conference contributions constitute only part of his impact on the profession. A patient teacher and supervisor, a helpful and considerate colleague, Bratina's intellectual integrity has been the hall mark of his life and work.

His last years were overshadowed by failing health and by sorrow over the suffering in his native Yugoslavia; these burdens were lightened by the devoted fellowship of his wife.

# Slowpoke May Come to a Halt

~ Continued from Page 1 ~

the reactor is a valuable research instrument but were unable to offer new funds from their own departments' budgets. Attracting commercial clients to offset the cost was also considered unlikely, given the presence of the much larger McMaster reactor. Accordingly, the committee concluded, the reactor should be decommissioned after 1999.

"The users are not in a position to contribute funds to cover the operating cost," Sleeman said. "It's a useful and valuable facility. Unfortunately they [the users] can't afford the increased cost."

Professor Brian Cox of the Centre for Nuclear Engineering, who chairs the university's Slowpoke reactor committee, said the reactor's independence from any one faculty or department had worked against it, making it difficult to relocate funds or engage in fund raising to keep the reactor operational. "Every division is getting cut back. As for anything outside the faculty... the deans wouldn't give it high priority."

Slowpoke director Ron Hancock suggested the reactor's wide range of applications has not helped, either. Much of the work it does, such as a current project to date and disinfest

glass trade beads to determine the pattern of European contact with North American natives, is in the social sciences and of little interest to NSERC with its focus on pure and applied science, he said.

Cox said decommissioning the reactor would be a mistake. "The loss of neutron activation analysis is going to be a significant blow to inorganic chemical analysis research at U of T."

Slowpoke was designed for research only. The brain-child of

Canadian physicist John Hilborn, it is a fraction the size of other research reactors. It is considered so safe that it is the only reactor design certified by the Atomic Energy Control Board to operate without constant operator supervision. Re-core'd, with a new source of operating funds, it could run for another 25 to 30 years before being shut down.

The final decommissioning of the reactor and disposal of the core will cost U of T at least \$1 million.

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# Cuts Hurt

~ Continued from Page 1 ~

Model. Entitled An Integrated Model of Discharge Planning, their report takes into account the financial problems of a hospital as well as the ethical ramifications of releasing elderly patients too soon.

They recommend that several factors be considered in the planning of a senior citizen's discharge. Topping the list is a statement confirming that patients should be at the centre of the planning process and that their concerns be heard loud and clear. They also suggest that a designated discharge co-ordinator be assigned to oversee all discharge planning and that families take an active role in the process.

UNIVERSITY OF TORONTO

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# U of T Works with Bolivia

**D**ON BOUDRIA, FEDERAL minister for international co-operation and for la Francophonie, has announced a new U of T project contributing to sustainable urban development in Bolivia.

The \$5 million, four-year project, funded by the Canadian International Development Agency and the university, will draw on a broad spectrum of Canadian expertise from the public, private and non-governmental sectors as well as a number of U of T faculty

members, students and alumni.

"One of the greatest challenges for developing countries is ensuring first the viability and then the livability of their growing cities and towns," Boudria said. "This is especially true for Bolivia. Its capital city, La Paz, is growing at an annual rate of 3.6 per cent and the strain on the local environment and social services is putting its future in jeopardy."

The university was represented at the Feb. 7 announcement, timed to

coincide with International Development Week, by Chancellor Rose Wolfe, Professor Heather Munroe-Blum, vice-president (research and international relations), and Deputy Provost Carolyn Tuohy.

"I am pleased to note how well this particular project fits with a major new area of emphasis for the university," Munroe-Blum said. "Broadening our mandate of teaching and research to include the transfer of the products of university research in all areas, the Bolivia sustainable urban development project is an innovative example of this strategy."

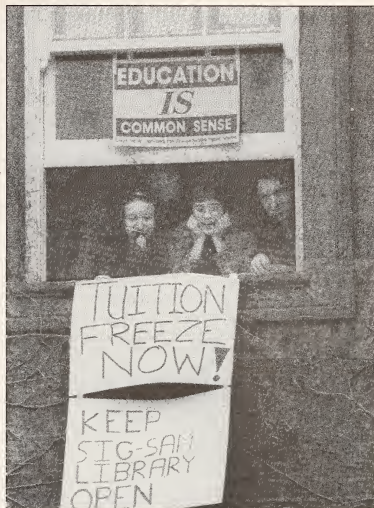
"This project will build partnerships between Canada and Bolivia that will benefit the cities of both countries for years to come," said project director Christie Gombay, head of U of T Urban International, a unit in the Centre for Urban and Community Studies. The principal investigator is Professor Richard Stren, the centre's director.

The Canadians will work with Bolivia's central government and municipalities to strengthen the capacity of Bolivian institutions to plan and implement urban development.

Links between U of T and Bolivian educational institutions will support postsecondary and technical training in urban development. Technical support will be provided to the central government for developing policies related to urban planning. The project also includes assistance in participatory planning with selected municipal governments as well as community planning in marginalized urban areas.

U of T's hosts and principal partners in Bolivia are the Secretaría Nacional de Participación Popular, La Universidad Mayor de San Simón and the Centro Bolivianos de Estudios Multidisciplinarios.

# Policy Condemned



Students occupied the president's office Feb. 10-14.

*Continued from Page 1*— groups, I guess you can say you've got it right," said Mackay, director of the ministry's universities branch.

On Feb. 10 about 20 students protesting the fee increase began a week-long sit-in in Prichard's office. The demonstration ended Feb. 14. The students said Prichard was targeted because of his support for tuition deregulation.

Michol Hoffman, vice-president of the Graduate Students' Union which supported the action, pleaded for Governing Council to reject Prichard's commendation and freeze tuition fees. "Students just

want an accessible education," she said. "We don't want students to drop out because they can't afford to pay."

But Prichard pointed out that he is also among those calling for a stronger framework for student aid, as was the ministry's own advisory panel last December.

Meanwhile the province will be paying \$550 million for its student aid program next year, about \$40 million less than is projected for this year. Rising costs due to the increasing need for loans and a planned new scholarship program for elite students are being offset by more stringent rules for loan-forgiveness.

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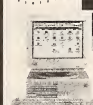
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## HART HOUSE ACTIVITIES

**Wine Seminars** - The Wines of South Africa, Thursday, February 27th, 8:00 pm in the East Common Room. Call 978-2447 for information and to purchase your tickets to the series. Students fee per seminar is \$17.

\*\*\*\*\* **ART** - Call 978-5382 \*\*\*\*\*  
**The Justina M. Barnacka Gallery** - West Gallery, **David Magee**, "Imperfect Paradise: Nature Myths," drawings and paintings, East Gallery, **David Magee**, "Drawing Water." Runs to Thursday, February 27th. For more information, call 978-8598.

**Archer Room** - **Silence Hattzel**, collages and monotypes. Runs to March 15th.  
**The 75th Annual Exhibit of Photographs** - a joint exhibition of photographs by Hart House members. Closing date is February 28th at 12 noon. Entry forms are available at the Hall Porters Desk.

**The Hart House Art Competition** - a joint exhibition of works of art by Hart House members. Rules and entry forms are available at the Hall Porters Desk. Submission dates: February 27th and 28th, 12:00 pm and 4:00-7:00 pm.

\*\*\*\*\* **LIBRARY** - Call 978-5382 \*\*\*\*\*  
**Reading** - An evening with **Doris Anderson**, co-hosted by the Canadian Studies Program, U.C. Thursday, February 27th at 7:30 pm in the Hart House Library. Reception to follow.

\*\*\*\*\* **MUSIC** - Call 978-2452 All concert events are FREE! \*\*\*\*\*  
**Jazz at Oscar's** - Fridays at 8:30 pm in the Arbor Room. Licensed. No cover. February 21st, **James Brown Quartet**.

**Sunday Concert Series** - **Pharis**, **Yuvai Fichman**, February 23rd at 3:00 pm in The Great Hall. **Joe Kiser** - **URCA** - take a musical lunch break with **winnet**, **Slaps Lee**, Wednesday, February 28th at 12 noon, in the Music Room. Call 978-5382 for more information.

**From the Hart** - Thursdays at 8:30 pm in the Arbor Room. Licensed. No cover. **Open Stage** with **Clara Bizzard**, February 27th.

\*\*\*\*\* **CLUBS & COMMITTEES** - Call 978-2452 \*\*\*\*\*

**Bridge** - Regular play, Tuesdays at 6:30 pm.  
**Camera Club** - a one-day **Workshop on Hand Colouring Techniques for Black and White Photographs**, Saturday, March 1st. Pre-register at the Hall Porters Desk. Call 978-2452 for more information.

**Chees** - Members meet Fridays from 3:00-9:00 pm in the Map Room.  
**Film Board** - **Workshop on Camera Theory** with **Mark Cowell**, Saturday, March 1st, 10:00 am. **Workshop on Lighting** with **Mark Cowell** and **Susan Poyar**, Sunday, March 2nd at 10:00 am. Pre-register at the Hall Porters Desk. Call 978-2453 for more information.

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\*\*\*\*\* **ATHLETICS** - Call 978-2447 \*\*\*\*\*

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No registered athletics instruction classes will be held during reading week, February 17th to 23rd, inclusive.  
**Squash Tournament** - The Annual Coventry Cup Squash Tournament will be held on March 7th and 8th. All levels are welcome! Register at Hart House or at the Athletics Centre.

**HART HOUSE**  
UNIVERSITY OF TORONTO

## TAs Have New Contract

TEACHING ASSISTANTS AND student instructors represented by CUPE 3902 have agreed to a new contract.

The three-year agreement was approved by 70 per cent of the members voting and includes a wage decrease of 1.25 per cent in 1997 (effective March 1) and a rise of .75 per cent in

1997-98 followed by another rise of .75 per cent in 1998-99 plus a series of five small lump sum payments.

"Together the parties have arrived at a fair settlement under very difficult circumstances," says Mary Ann Ross, manager of labor relations. "I believe that both sides were heard and listened to in terms of their needs and difficulties."

The new agreement will see clearer terms for job postings, a significant increase in dental rebates and provides for a peer-training program as well as the inclusion of senior doctoral teaching associates.

The union reports that the voter turnout was one of the largest ever for a ratification vote.

## The Cost of Prostitution

BY MICHAEL RYNOR

HOW MUCH DOES IT COST THE Toronto police to arrest street prostitutes? Professors Mariana Valverde and Scot Wortley and PhD student Phil Mun of the Centre for Criminology are trying to find out.

Because numerous municipalities and provincial governments have been lobbying the federal government to decriminalize prostitution, the results of the study could have ramifications across the country. "It may make people more sympathetic to the idea of legalized indoor prostitution if the public and politicians can actually see how much money is being used in the fight against street prostitutes," Valverde says.

As it stands now, anyone using their home for prostitution can be charged with running a common bawdy house. "I've argued for years that this is very prejudicial to women.

Many women turn to the sex trade out of economic necessity and it's hard for them to get out of this business and find other jobs if they get a criminal record."

She maintains that the bawdy house laws were never intended to prevent men and women from using their homes for prostitution but rather to control brothels and keep abusive pimps from controlling and abusing people. "I think it's improper to charge individuals who use their own homes and who aren't bothering anyone. It's a lot better than having prostitutes engaging in sex on the streets," she says.

The federal Fraser Commission in 1985 agreed, suggesting that people be allowed to set up one-to-three person prostitution arrangements under one roof. In the past, even a parking lot has been considered a common bawdy house by police. "These are totally outdated laws that were supposed to protect vulnerable

women from the so-called white slavers. Now these same laws are being used in totally inappropriate ways by the police," says Valverde.

"Prostitutes are often oppressed women in many ways and they're oppressed by the police as much as by anyone else," she adds. "I see prostitution as a victimless crime."

However, in cases when prostitutes abuse their customers or customers abuse prostitutes, they should be charged with abuse, fraud or other criminal offences, Valverde believes. "I don't think we need specific laws governing prostitution."

Very little research has been done on the actual costs of arresting prostitutes. "I think it's one of those subjects that everyone has an opinion about but few people actually do research on," Valverde explains. "I expect we'll find there's a fairly significant percentage of the police budget spent on charging prostitutes and their customers."

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## OCEANS OF HOPE

*Squidby marine life is focus of research*

BY MICHAEL RYNOR

THEY LIVE PEACEFULLY UNDER THE WARM WATERS OF THE CARIBBEAN, off the shores of Japan, New Zealand and as far north as the French coastline. Not much bigger than a silver dollar, in colors ranging from robin's egg blue to candy floss pink, they survive by the thousands attached to barrier reefs, rocks and boats. Under these idyllic conditions it's hard to believe that one day these small marine animals called tunicates (or ascidians) may help farmers on the sun-drenched Canadian prairies battle agricultural pests.

Recent news reports have discussed the work of researchers in the United States who are studying these creatures but no mention has been made of U of T's very own tunicate investigator — Professor Ian Stull of chemistry at Erindale.

In 1981 a major expedition of chemists and biologists travelled to the Caribbean to collect and study hundreds of different specimens. Among them were the tunicates — small, squishy, jellyfish-like animals with translucent bodies. They're commonly referred to as "sea squirts" because of their ability to suck water — and food — into their gills and squirt it out again.

The more the scientists looked at them, the more fascinated they became. Tunicates have no shell, no thorny spikes, no sharp teeth and no hard spines to protect themselves from predators. The only observable defence mechanism they have is the ability to squirt water at anything that annoys them. But why does this soft, mouth-sized morsel appear to have so few enemies?

Some scientists have theorized that the tunicates may be exuding either an unpleasant, invisible secretion into the water around them or there's a noxious chemical produced within their bodies that is somehow communicated to hungry diners, who quickly lose their appetites.

Still is interested in these creatures because of the benefits they can bring to human beings. He has been synthesizing tunicate compounds for more than 10 years in his laboratory because he strongly believes they possess both medicinal and agrochemical properties.

In 1989 one of the compounds showed great promise as a treatment for oral and genital herpes but hopes were dashed when the substance turned out to be too toxic. Now certain antifungal, antibacterial and anti-tumor properties in tunicates are attracting the attention of pharmaceutical companies and scientists who think there's a chance of developing substances to fight colon cancer. However, a decision on whether these substances can be administered safely to humans is still years away, says Stull. Meanwhile herbicide companies are very interested in a class of tunicates called eudistomids that could lead to the development of new, powerful herbicides on farms.

## 1997 Teetzel Lectures

NANCY TROY

*Department of Art History, University of Southern California*

### Couture and Culture: Fashion and the Marketing of Modernism, c. 1880-1918

Tuesday, March 11 - Fashion as Art/Art as Fashion

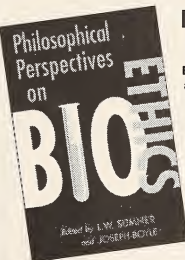
Wednesday, March 12 - Theatre and the Spectacle of Fashion

Thursday, March 13 - Fashioning Commodity Culture

4:30 p.m., Room 140, University College

15 King's College Circle, University of Toronto

*Members of the staff, students and the public are cordially invited.*



### Philosophical Perspectives on Bioethics

Edited by L. W. Sumner and Joseph Boyle

What is the role of bioethics in the health care system, the government, and academe? These original essays address this and other questions about the nature of bioethics as a discipline. Contributors discuss a range of

approaches to bioethical thinking, and analyse such problems as justice in health care, the conduct of clinical trials, euthanasia, cosmetic surgery, and reproductive technologies.

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## THE PROVOST'S ITCD Fund

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In the summer of 1996, Provost Adel Sedra allocated monies from the Academic Priorities Fund to support the development of course-related software and other instructional tools. This showcase features the work of those who were supported by this initiative.

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## Nortel, University Establish Institute

**A**N AMBITIOUS EFFORT TO develop Canadian expertise in high technology was launched Feb. 4 as the university teamed up with Northern Telecom to announce the new Nortel Institute for Telecommunications.

With the aim of making Canada a global centre for telecommunications research, Nortel will contribute an average of \$1 million per year for eight years to support the institute, which will be closely associated with the university's department of electrical and computer engineering.

President Robert Prichard said the joint effort will help meet Canada's burgeoning need for world-class research and education. "We are enormously grateful to Nortel for this outstanding commitment," he said. "This endeavor will firmly position the University of Toronto as a major centre for telecommunications studies. The Nortel Institute will bring together the best minds in the field from around the world, significantly enhancing Canada's profile as a leader in advanced technology."

Nortel will fund two endowed chairs, two new laboratories, new graduate and undergraduate scholarships in telecommunications and support a new master's degree program in telecommunications, scheduled to commence next January. Gedas Sakus, president of Nortel

Technology, the corporation's advanced design research group, said the aim is to "contribute to Canada's storehouse of knowledge."

"The steps we are taking today will encourage the development of expertise critical to the needs of our industry and country," he said.

The two Nortel Institute chairs — in network architecture and services and in emerging technology — will be held by Professors Alberto Leon-Garcia and Jimmy Xu of electrical and computer engineering. The two modern laboratories will be equipped for research in applied physics and in optoelectronics and emerging technology.

Representatives of both federal and provincial governments including Ontario's minister of education and training, John Snobelen, praised the creation of the new institute. "Nortel's commitment to one of Ontario's great universities bodes well for the province and the country," Snobelen said.

Nortel and the Faculty of Applied Science and Engineering have also established an advisory council to bring together leading researchers from academia and industry. Chaired by Sakus and Provost Adel Sedra, the council will operate like other such groups at the faculty, meeting once or twice a year to consider strategic directions and opportunities for the institute.

## Campbell Meets Students



Former prime minister Kim Campbell visited campus Feb. 12 at the invitation of political science, economics and history students and spoke to a full house at the Innis College Town Hall about a number of issues ranging from political theory to the importance of political research and gun control legislation. Asked what her advice would be to young women trying to get involved in the Progressive Conservative party, she replied, "Don't take no for an answer — and that is easier said than done."

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# The Message Is in the Massage

IT WAS 30 YEARS AGO THAT Marshall McLuhan predicted the communications revolution we are in the midst of today. While little of this media guru's writing was fully understood or appreciated, people did catch on to one of his earlier thoughts — the well-known quote "The medium is the message."

Last summer the university's Annual Fund used some quotes from McLuhan's third book, *The Medium is the Message*, in a letter mailed to alumni. The response shows that people do read their mail: the Annual Fund office is still receiving calls from people who believe they have found a typo — shouldn't that be "message" instead "massage," they ask?

What was McLuhan driving at when he selected this unusual title? He explains in the book that "massage" meant "mass age" and he wanted to convey the idea that the message *massages* you. In other words the media, as he put it, "... work us over completely. They are so pervasive in their personal, political, economic, aesthetic, psychological, moral, ethical and social consequences, they leave no part of us untouched, unaffected, unaltered. The medium is the message."

Still confused? The World Series in Culture and Technology may help. It's a videoconference on the philosophy of the Internet to be held on Feb. 27 from noon to 2 p.m. at the Faculty of Information Studies, Room 307, 140 St. George St.

## Asian Students Interested

ABOUT 4,000 PROSPECTIVE students from Malaysia and Singapore, and their parents, kept a small but energetic U of T crew on their toes at two educational fairs last month.

"We were there for only two and a half days but the response was overwhelming," says Barbara McCann, registrar of the Faculty of Applied Science and Engineering and one of three U of T representatives to attend the fairs. "We didn't even have time to break for lunch or anything!"

McCann and engineering liaison officers Sonia Pittioni and Susan Grant were at the First Annual All-Canadian Education Fair Jan. 24 and 25 in Singapore and the First Canadian Education Fair in Kuala Lumpur, Malaysia, Jan. 26.

While the university's participation

in the fairs was aimed at recruiting students, McCann says such overseas efforts often lead to more recruitment. On the trip she visited the National University of Singapore and Nanyang Technological University and discussed engineering's undergraduate exchange programs with the two institutions. The faculty also has joint research projects with the National Science and Technology Board of Singapore.

"There are long-term spin offs such as the transfer of technology, alumni networks, student exchanges and opportunities for research and industry," she notes. "So, it's important for the university to embrace these opportunities and view them as much more than a way of recruiting international students."

## ON THE OTHER HAND

BY NICHOLAS PASHLEY

## KEEP THIS COLUMN COMMERCIAL-FREE

WE NEEDED TO CLEAR THE AIR ABOUT here. There have been a lot of accusations about the terms and conditions of this column and about whether I am achieving my "agreed-upon vision," and I for one am sick of the whole business.

Joseph L. Rotman — of the Joseph L. Rotman Centre for Management — has given numerous millions of dollars to this institution and demands the right to insist upon excellence. Fair enough, whenever I give away \$15 million, I like to know where it's going. I want receipts. Excellence has its price and \$15 million isn't bad.

Frankly for what I get paid to write this column you're pushing it to demand anything more than mere adequacy. At least the spelling's usually pretty good. Still I'd be happy to raise my standards for the right sort of fiscal incentive. As we descend into the icy grip of RRSF season, many of us start to think of our happy retirement prospects. If Mr. Rotman has any cash left, I'd be happy to rename this the Joseph L. Rotman Bulletin Column. Folks, I'm open for business.

There are, of course, more subtle ways of attracting funding. Product placement, for instance. You may have noticed a big new bookstore on Bloor Street. (They haven't given me any money so I won't name them here although I've been waiting for someone to open a rival business called Entire Books, a bookstore for readers with longer attention spans.) At this new store, I'm told, publishers pay to have their books displayed prominently, a sordid practice unknown at such fine independent outlets as your campus bookstore.

Hollywood, as we know, has been doing this for years. For financial considerations Jack Nicholson will be seen to drink a certain brand of soft drink or smoke a particular cigarette, the camera lingering almost lasciviously on the label. I could do that. And if you read that I've recently enjoyed a splendid pint of Amsterdam Nut Brown Ale at the fashionable and warmly welcoming Graduate Students' Union pub (16 Bancroft Ave.) you'll know why. If the price is right I'm even



prepared to relocate my lunch.

Critics worry that my journalistic independence might be jeopardized by such crassly commercial dealings, to which I can only reply: you'd better believe it. Wake up and smell the mutual funds. Fine for you to natter on about independence but I've got four cats to feed, including an insatiable kitten called Norm. And the steam-driven computer on which I write this stuff is close to the end of its natural life. I've got computer museums begging for me to donate it.

Is there no way, I hear you cry, to avoid this commercial plague upon the On the Other Hand column? Does Pashley have to go the way of campus washrooms? Not necessarily, friends. As the laissez-faire economists like to say, there's something profoundly democratic about the marketplace. We vote with our dollars, assuming we've got any. Bank president Matthew Barrett recently observed that when we wash the banks, we wash ourselves. How true that is. Freedom has its price and I'm asking you to pay it. Only you can keep On the Other Hand commercial-free. If you value my independence, won't you pledge now? Operators are standing by.

Now, what this column was meant to be about this month was droll newspaper headlines and I'm happy to salute three real winners of recent months, all seen in *The Globe and Mail*. Most Boring Headline of the last year: Dutch urged to redesign passports. Phew. Headline Most Reminiscent of Checkout Counter Tabloids: Man finds out he's Canadian. Who wouldn't read that story? And winner of Best Dog-Bites-Man Headline and Best Overall Headline, dated — and this is important — Jan. 3, 1997: Cold snap hits Yukon. Who could see that coming? A tip of the On the Other Hand hat to the anonymous *Globe* staffers responsible for these almost haiku-esque summaries of the human condition.

And now we return you to our regularly scheduled pledge break...



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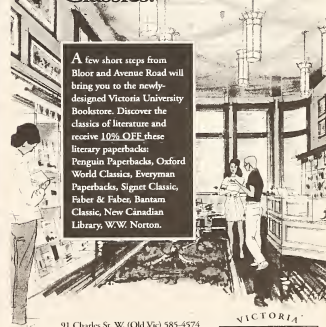
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# EVENTS



## LECTURES

### The Future of Free Trade in the Hemisphere: A Perspective from Chile.

THURSDAY, FEBRUARY 20  
Pascual Meller, former executive director of Corporación de Investigaciones Económicas para Latinoamérica, luncheon/lecture. Park Plaza Hotel. Noon to 2 p.m. Tickets \$30. Information: 978-3350. *International Studies*

### First Nations People of Distinction: (Re)Telling Their Stories.

THURSDAY, FEBRUARY 20  
Prof. Susan Fletcher, OISE/UT, History & Memory series. 8-214 OISE/UT, 252 Bloor St. W. 3 to 5 p.m. *Testimony & Historical Memory Project, OISE/UT*

### Kimberlites and Their Diamonds, from Kimberly to Canada.

SUNDAY, FEBRUARY 23  
Prof. Daniel Schulze, geology, Erindale College. Auditorium, Medical Sciences Building. 3 p.m. *Royal Canadian Institute*

### The Convergence of Historical Consciousness in the Middle Ages.

MONDAY, FEBRUARY 24  
Prof. Jacob Lassner, Northwestern University, Shoshana Shier visiting professor in Jewish studies; second of three on Jewish-Muslim Relations: Impressions of and Attitudes towards the Other. 1105 Sandford Fleming Building. 8 p.m. *Jewish Studies*

### Schooling the Soul: A Psychological Perspective on the Implicit Theology of Roman Catholic Candidates for Ministry.

TUESDAY, FEBRUARY 25  
Rev. Joseph Guido, Boston College; plus Riffed lecture on psychology and religion. Elliott MacGuigan Hall, 67 St. Nicholas St. 7:30 p.m. *Religion*

### Players and Painted Stage: Greek Artists on Dramatic and Pre-dramatic Performance.

WEDNESDAY, FEBRUARY 26  
Prof. Eric Caspo, classics, 140 University College. 4:15 p.m. *Archaeological Institute of America, Toronto Society*

### The European Monetary Union.

WEDNESDAY, FEBRUARY 26  
Prof. Klaus Conrad, Mannheim University, visiting chair in German and European studies, CUS Conference Room, 5th floor, 170 Bloor St. W. 4:30 p.m. RSVP: 978-3350. *International Studies*

### Man's Eyes.

WEDNESDAY, FEBRUARY 26  
Kenneth Hayes, program in architecture. Room 103, 230 College St. 7 p.m. *Architecture & Landscape Architecture*

### The Barren Womb as Bearer of the Prophetic Voice.

WEDNESDAY, FEBRUARY 26  
Bishop Victoria Matthews, Credit Valley area in the Anglican diocese of Toronto. Elliott MacGuigan Hall, 67 St. Nicholas St. 7:15 to 9:15. *Religion*

### Design and Contextual Learning for Health Professionals.

THURSDAY, FEBRUARY 27  
Prof. Lawrence Sporn, pharmacology, Knowledge Media Design: New Technologies for a Knowledge Society series. Auditorium, 252 Bloor St. W. 3 to 5 p.m. Tickets \$12. *KMDI*

### Russian and French Semiotics of the 1960s: A Comparative Study.

THURSDAY, FEBRUARY 27  
Prof. Boris Gasparov, Columbia University, Upper Library, Massey College. 3 p.m. *Slovic Languages & Literatures and CREES*

### Writing, Cognition and Consciousness.

THURSDAY, FEBRUARY 27  
Prof. David Olson, OISE/UT, Combination Room, Trinity College. 4:10 p.m. *Centre for the Book and Trinity*

### Culture and the Information Highway: Cultural Policies for the 21st Century.

THURSDAY, FEBRUARY 27  
Paul Hoffert, Ontario Arts Council, Council Chambers, South Building, U of T at Scarborough. 4:30 to 6:30 p.m. *Arts Administration, Scarborough*

### Caring for Science.

THURSDAY, FEBRUARY 27  
Thaddeus Trenn, Victoria College, open discussion on faith and science. Chaplain's office, Wyckoff College. 5 to 7 p.m.

### Mandelstam and Pasternak in the 1930s: The "Second Birth" of a Poet.

FRIDAY, FEBRUARY 28  
Prof. Boris Gasparov, Columbia University, 126 Woodsworth College. 11 a.m. *Slovic Languages & Literatures and CREES*

### Reading Eugene Onegin.

FRIDAY, FEBRUARY 28  
Prof. Boris Gasparov, Columbia University, 126 Woodsworth College. 2:30 p.m. *Slovic Languages & Literatures and CREES*

### Creating Canadian Society: Autobiography of Immigrant Lives.

FRIDAY, FEBRUARY 28  
Prof. Dirk Hoerder, University of Bremen; John G. Diefenbaker visiting professor. Room 506, 203 College St. 2 to 4 p.m. *Ethnic, Immigration & Pluralism Studies*

### Metadata Management in Discovery and Retrieval of Archival Records.

FRIDAY, FEBRUARY 28  
David Berman, Archives and Museums Informatics, Inc.; annual Ian Sharp lecture in information science, in conjunction with Faculty of Information Science Research Day. Lecture theatre, 140 St. George St. 4 p.m. *Information Science*

### The New Science of Photonics: Technology for the 21st Century.

SUNDAY, MARCH 2  
Prof. Sajeev John, physics. Auditorium, Medical Sciences Building. 3 p.m. *Royal Canadian Institute*

### Gene Therapy: Basic Science Issues.

MONDAY, MARCH 3  
Prof. Richard Mulligan, Harvard University Medical School, 213 College Wing, Toronto Hospital. 4 p.m. *Toronto Hospital Research Institute*

### Women's Agency, Health and Class Politics in a Calcutta Slum.

MONDAY, MARCH 3  
Prof. Himani Bannerji, York University, Popular Feminism series. 4-411 OISE/UT, 252 Bloor St. W. 8 p.m. *Women's Studies, OISE/UT*

## COLLOQUIA

### Lifestyles of the Rich and Famous: Personal Wealth and Monastic Status in an Indian

### Buddhist Monasticism.

FRIDAY, FEBRUARY 27  
Prof. Gregory Schopen, University of Texas at Austin; U of T-McMaster Buddhist studies series. 226 Camelot Hall, Divinity College, McMaster University. 3 p.m. *Yehan Yamada Program in Buddhist Studies, Erindale*

### Two-Year-Old Children's Sensitivity to the Informativeness of Pointing.

MONDAY, FEBRUARY 24  
Prof. Daniela O'Neill, University of Waterloo; HDAP series. 4-487 OISE/UT, 252 Bloor St. W. 12:30 p.m. *Applied Cognitive Science, OISE*

### The Process of Technological Design: Examples from the History of Civil Engineering

WEDNESDAY, FEBRUARY 26  
Prof. Edo Kravakis, University of Ottawa. 323 Victoria College. 4 p.m. *IHPST*

### Context, Conditioning and Memory.

WEDNESDAY, FEBRUARY 26  
Prof. Mark Bouton, University of Vermont. 2111 Sidney Smith Hall. 4:15 p.m. *Psychology*

### Nonlinear Interactions of High Intensity Lasers with Electrons and the Vacuum.

THURSDAY, FEBRUARY 27  
Prof. David Meyhofer, University of Rochester. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

### Retrofiting Gnosticism: Philip E. Dick, Science Fiction and Christian Origins.

FRIDAY, FEBRUARY 28  
Prof. Michel Desjardins, Wilfrid Laurier University, 20th anniversary colloquia. 123 St. George St. 1:10 p.m. *Study of Religion*

### New Methods for Catalyzed Organic Synthesis.

FRIDAY, FEBRUARY 28  
Prof. Gary Molander, University of Colorado. 158 Lass Miller Chemical Laboratories. 3:30 p.m. *Chemistry*

### Gerhard Herzberg: Hitler's Gift to Canada.

WEDNESDAY, MARCH 5  
University Prof. Em. B.P. Stoicheff, physics. 323 Victoria College. 4 p.m. *IHPST*

### Reliability and Credibility of Child Witnesses Reports.

WEDNESDAY, MARCH 5  
Prof. Maggie Bruck, McGill University. 2111 Sidney Smith Hall. 4:15 p.m. *Psychology*



## SEMINARS

### Genetic Approaches to Synaptic Plasticity, Learning and Memory.

WEDNESDAY, FEBRUARY 19  
Dr. Mark Mayford, Columbia University College of Physician & Surgeons. 968 Mt. Sinai Hospital. Noon. *Samuel Lunenfeld Research Institute*

### Disease Modifier Genes and Their Application to Therapeutics: Cystic Fibrosis as a Paradigm.

WEDNESDAY, FEBRUARY 19  
Dr. Richard Rasmussen, Hospital for Sick Children. 4227 Medical Sciences Building. 4 p.m. *Pharmacology*

### Glucagon-Like Peptide-2: A Novel Growth Factor.

THURSDAY, FEBRUARY 20  
Prof. Patricia Brubaker, physiology. 3231 Medical Sciences Building. 4 p.m. *Physiology*

### MADR Proteins in the TGF $\beta$ Signalling Pathway.

TUESDAY, FEBRUARY 25  
Dr. Jeff Wama, Hospital for Sick Children. 968 Mt. Sinai Hospital. Noon. *Samuel Lunenfeld Research Institute*

### Interviewing and Preparing for the Interview.

TUESDAY, FEBRUARY 25  
Tavon Brown, PhD candidate and former human resource associate, Norrell. Room 205, 121 St. George St. 12:30 p.m. *Industrial Relations*

### Oncogene Mediated Signal Transduction in Transgenic Mouse Models of Human Breast Cancer.

WEDNESDAY, FEBRUARY 26  
Dr. William Muller, McMaster University. 968 Mt. Sinai Hospital. Noon. *Samuel Lunenfeld Research Institute*

### Health Care Choices of Older Adults.

WEDNESDAY, FEBRUARY 26  
Prof. Marjorie Kelnor and Beverly Wellman, Institute for Human Development, Life Course and Aging. Suite 106, 222 College St. Noon to 1:30 p.m. *Human Development, Life Course & Aging*

### Chronopharmacology and Cancer.

WEDNESDAY, FEBRUARY 26  
Dr. Greg Bjarnason, Sunnybrook Health Science Centre. 4227 Medical Science Building. 4 p.m. *Pharmacology*

### Psychosocial Risk Factors at Work and Injuries: Research Issues and Evidence.

THURSDAY, FEBRUARY 27  
Martin Shain, Centre for Health Promotion. Main floor conference room, Gage Occupational & Environmental Health Unit, 223 College St. 4 p.m. *Environmental Studies and Gage Occupational & Environmental Health Unit*

### Pathophysiological Interactions and Therapeutic Implications of Sleep Apnea in Heart Failure.

THURSDAY, FEBRUARY 27  
Prof. Douglas Bradley, department of medicine. 3231 Medical Sciences Building. 4 p.m. *Physiology*

### From Interpublican to International: Transforming Trade and Investment Relations in the Former Soviet Union.

THURSDAY, FEBRUARY 27  
Alta Lavee, economics, and Val Samonis, Centre for Russian & East European Studies. 14352 Roberts Library. 4 to 6 p.m. *CREES*

### Loyalism or Nationhood? Law and Nationhood in Scotland and Ukraine, 1707-1914.

THURSDAY, FEBRUARY 27  
Stephen Velychenko, history and Ukrainian studies. 97 St. George St. 4 to 6 p.m. *Ukrainian Studies*

### Limnological Factors Affecting Contaminant Bioaccumulation in Ontario Lakes.

FRIDAY, FEBRUARY 28  
Prof. William Taylor, University of Waterloo. 3127 South Building. Noon. *Erindale Biology*

### Eurpolis' Demo: "The Greatest Political Comedy of All Time?"

FRIDAY, FEBRUARY 28  
Prof. Ian Storey, Trinity University. 144 University College. 3:10 p.m. *Classics*

### Life Cycle and Development of Obligately Anaerobic Zoospore-Producing Fungi.

FRIDAY, FEBRUARY 28  
Prof. Daniel Wubah, Towson State University. 3087 Earth Sciences Centre. 3:30 p.m. *Biology*

### Modelling the Interfacial Behavior of Polymeric Systems.

WEDNESDAY, MARCH 5  
Prof. Anna Balazs, University of Pittsburgh. 116 Wallberg Building. 12:30 p.m. *Chemical Engineering & Applied Chemistry*

### Non-Union Representation: Substitute or Complement to Unionization?

WEDNESDAY, MARCH 5  
Prof. Daphne Tans, University of Calgary. Room 205, 121 St. George St. 12:30 p.m. *Industrial Relations*

## MEETINGS & CONFERENCES

### Planning & Budget Committee.

TUESDAY, FEBRUARY 25  
Council Chamber, Simcoe Hall. 5 p.m.

### Governing Council.

THURSDAY, FEBRUARY 27  
Council Chamber, Simcoe Hall. 4:30 p.m.

### Latin American Culture without Borders.

FRIDAY, FEBRUARY 28  
Colloquium of the Norrell Ibero-American professorship. Sessions in 170 University College.  
Round Table: Is There a Culture Common to the Caribbean?  
Panelists: J.E. Chamberlin, department of English; Patrick Taylor, York University; Elias Trabulse, El Colegio de México; Iris Zavala, University of Utrecht; moderator: Mario Valdes, Norrell Professor of Ibero-American Studies. 10 a.m. to noon.

Round Table: Transculturation and Cultural History in Latin America. Panelists: Wander Melo Miranda, Universidade Federal de Minas Gerais; Alberto Morcins, Duke University; Iris Zavala, University of Utrecht; moderator: Dyalal Djalil, University of Oklahoma. 2 to 4 p.m.

### Rescuing Graduate Studies: Equity and How to Get It.

SUNDAY, MARCH 2  
Topics covered will include relations between supervisors and students, hierarchies in funding, the politics and responsibilities of role models, gender, race and class sensitive pedagogy and resistance and challenges to institutional culture. Participants include educators and graduate students from Humboldt University, Beijing University, Tel Aviv University, Princeton University, York University, OISE/UT, Simon Fraser University, Dalhousie University, University of Saskatchewan and U of T. Innis College Town Hall. Tickets for faculty \$50, graduate students free. *Women's Studies, GSU and SGS*

### Levy-Waseneys Symposium.

SATURDAY, MARCH 1  
17th annual symposium, special guest speaker, Pablo Urbanyi, an Argentinian writer living in Canada. Upper Library, Massey College. 10 a.m. to 6 p.m. *Spanish & Portuguese Graduate Students' Association*



## EVENTS

### Glass Architecture and the Delirium of New Technologies.

**SUNDAY, MARCH 2**  
Moderator: Delfo Martins, School of Architecture & Landscape Architecture. Paul Scheerbarth's Obsession with Architecture, Mechthild Rausch; Bio-Centrum: Architecture, Art and Ideologies of Nature in Weimar Germany, Oliver Bortz; In Vitis, Rebecca Conay; Glass in Modern Writing, Wilfried Wager; Contemporary Organicism: From Figure to Field, Stan Allen; Technology and Delirium, Douglas Cooper. Design Exchange, 1 to 6 p.m. *Architecture & Landscape Architecture, Goethe Institute and Toronto Society of Architects*

### Planning & Budget Committee.

**TUESDAY, MARCH 4**  
Council chamber, Simcoe Hall. 5 p.m.

### MUSIC

#### CLARKE INSTITUTE OF PSYCHIATRY

##### Country Finale.

**TUESDAY, FEBRUARY 25**  
Caitlin Hanford and Chris Whitney. Music for Midwinter series. Aldwyn Stokes Auditorium. 5:30 p.m.

### FACULTY OF MUSIC

#### EDWARD JOHNSON BUILDING

##### Jazz Series.

**WEDNESDAY, FEBRUARY 26**  
Small jazz ensembles. Walter Hall. 8 p.m.  
**WEDNESDAY, MARCH 5**  
Small jazz ensembles. Walter Hall. 8 p.m.

**Thursday Noon Series.**  
**THURSDAY, FEBRUARY 27**  
Music & Poetry: Britten: Serenade for Tenor, Horn and Strings; Michael Colvin, tenor; Gabe Radford, horn. U of T Chamber Orchestra, conducted by David Zafer, commentator: Prof. Eric Donville. Walter Hall. 12:10 p.m.

**U of T Chamber Orchestra.**  
**MONDAY, MARCH 1**  
David Zafer, conductor. Walter Hall. 8 p.m. Tickets \$5.

### PLAYS & READINGS

#### The Madwoman and the Fool: A Harlem Duet.

**SATURDAY, MARCH 1**  
By Djanet Sears, staged playreading, Helen Gardiner Phelan Playhouse, 79A St. George St. 8 p.m. Pay what you can. UC Drama Program



### EXHIBITIONS

#### SCHOOL OF ARCHITECTURE & LANDSCAPE ARCHITECTURE

##### The Anatomy of Historical Precedent: Structures II Case Studies.

**TO FEBRUARY 21**  
Drawing on buildings from diverse traditions throughout the history of architecture, the exhibit features structural section models and load path diagrams produced by second-year architecture students.

##### Surfaces of Loss.

**FEBRUARY 24 TO MARCH 19**  
The Garrison College ravine project of James Brown and Kim Storey architects shown at the 1996 Venice Biennale. SALA Gallery, 230 College St. Hours: Monday to Friday, 9 a.m. to 5 p.m.

#### NEWMAN CENTRE

##### Flowers for February.

**TO MARCH 1**  
Drawings, paintings, ceramics. Ground floor. Hours: Monday to Friday, 9 a.m. to 5 p.m.

#### UNIVERSITY OF TORONTO AT SCARBOROUGH

##### E.J. Lightman: The View from my Kayak.

**TO MARCH 7**  
Site-specific installation. The Gallery. Hours: Monday to Friday, 9 a.m. to 4 p.m.

#### THOMAS FISHER RARE BOOK LIBRARY

##### The Stuff Dreams Are Made Of: The Life and Works of Frederick Coates.

**TO MARCH 27**  
Over 75 works displaying the artist's designs for architecture, graphics, theatre sets and costumes as well as watercolors, drawings, photographs and other objects. Hours: Monday to Friday, 9 a.m. to 5 p.m.

### MISCELLANY

#### Self-Directed Job Search Workshops.

**THURSDAY, FEBRUARY 20**  
**TO MARCH 13**  
Two-hour sessions; registration for all four modules is recommended. Module 1: Sourcing Information and Job

Opportunities Using the Internet, Module 2: Developing Your Job Search Marketing Plan; Module 3: Updating Your Resume and Creating Covering Letters; Module 4: Developing a Successful Interview Style. Information: Thomas Nash, 978-7573; registration: Liz Cisha, 978-6496. Staff Development Resource Centre

#### Carol Shields

**MONDAY, FEBRUARY 24**  
Author of Pulitzer Prize and Governor General Award-winning novel *The Stone Diaries* discusses her life as a writer. Alumni Hall, Victoria College. 4 p.m. Office of the Dean of Students and Senior Residents, Victoria University

#### Educational Technology 97: Creating Distributed Learning Environments.

**THURSDAY, FEBRUARY 27**  
A live videoconference from PBS Adult Learning Service; guest speaker, Diana Oblinger, Institute for Academic Technology. 4049 Robarts Library. 2:30 to 4 p.m. RSVP by Feb. 24 at avision@library.utoronto.ca or 978-5169.

#### Faculty of Information Studies

##### Research Day.

**FRIDAY, FEBRUARY 28**  
Topics: The Aging Workforce, Downsizing in Canadian Research Libraries, Bibliographic Babel: Facilitating or Obscuring Access to Information, Bibliographic Displays and Web Catalogues, Rhetorics of the Self in the Computerized Workplace, Models and Tools for Organizational Knowledge Management, Universal Access Strategy for Canada, Representation of Minors in the Canadian Information Policy Arena, Research Patterns of Canadian Social Scientists, Narrative Discourse Analysis and Classification Theory, The Effects of Integrating Definitions in Thesauri on Interindexer Terminological Consistency, Towards a History of the Scholarly Book in Canada. Lecture theatre, 140 St. George St. 10 a.m. to 3:30 p.m. Attendance free, to register, phone or email Ricky Cameron, 978-3202, cameron@fis.utoronto.ca



### DEADLINES

Please note that information for Events listings must be received in writing at The Bulletin office, 21 King's College Circle, by the following times:

Issue of March 3, for events taking place March 3 to 17: MONDAY, FEBRUARY 17.  
Issue of March 17, for events taking place March 17 to April 7: MONDAY, MARCH 3.



## UNIVERSITY OF TORONTO HOLIDAY SCHEDULE 1997-98

The holiday schedule for July 1, 1997 - June 30, 1998 is as follows:

• Canada Day	Tuesday, July 1, 1997
• Civic Holiday	Monday, August 4, 1997
• Labour Day	Monday, September 1, 1997
• Thanksgiving Day	Monday, December 13, 1997
• Christmas/New Year	Monday, December 22, 1997 to Friday, January 2, 1998 inclusive
• Good Friday	Friday, April 10, 1998
• Victoria Day	Monday, May 18, 1998

It should be noted that summer hours begin on July 1 and end at Labour Day annually.

To assist in the preparation of academic calendars, **Canada Day in 1998 falls on Wednesday, July 1, 1998.**

This announcement is not intended to establish service or operating schedules in such divisions as the Central Library, UTCs, or Facilities and Services, where announcements will be made separately. In other areas, certain staff may be required to maintain essential services or to provide service to the public. Staff required to work during holiday periods should be granted compensating time off at a later date. **Employees covered by collective agreements are subject to the provisions contained in their collective agreements.**

Supervisors and administrators are requested to schedule holiday staffing arrangements, where required, as far in advance as possible, and are encouraged to consult their personnel officer in Human Resources offices at 215 Huron Street or in decentralized personnel offices for advice. Any questions about the alternative arrangements that should be made for non-unionized administrative staff who are required to work on a scheduled holiday should be directed to the personnel officer assigned to your area. Questions regarding the application of the collective agreements for unionized staff should be directed to the Labour Relations Department of Human Resources at 978-6043.

### Faculty of Information Studies

#### RESEARCH DAY

Friday, February 28, 1997  
10:00 a.m. - 3:30 p.m.  
Lecture Theatre  
140 St. George Street



Twelve speakers will present their current research in this annual event: This year's topics....

**The Aging Workforce ♦ Downsizing in Canadian Research Libraries ♦ Bibliographic Babel: Facilitating or Obscuring Access to Information ♦ Bibliographic Displays and Web Catalogues ♦ Rhetorics of the Self in the Computerized Workplace ♦ Models and Tools for Organizational Knowledge Management ♦ Universal Access Strategy for Canada ♦ Representation of Minors in the Canadian Information Policy Arena ♦ Research Patterns of Canadian Social Scientists ♦ Narrative Discourse Analysis and Classification Theory ♦ The Effects of Integrating Definitions in Thesauri on Interindexer Terminological Consistency ♦ Towards a History of the Scholarly Book in Canada**

Attendance free. For further information contact Ricky Cameron, 978-3202, cameron@fis.utoronto.ca

Research Day will be followed at 4 p.m. by the 8th Ian. P. Sharp Lecture in Information Science

#### "From Managing Information to Designing Meta-Information"

DAVID BEARMAN  
President, Archives and Museums Informatics, Inc.

All welcome!

The Hart House Library Committee and the Canadian Studies Programme, University College are proud to present

## An Evening with Doris Anderson

Hart House Library ■ Thursday, February 27  
7:30 p.m. ■ Free Admission

HART HOUSE  
UNIVERSITY OF TORONTO

# CLASSIFIED

A classified ad costs \$15 for up to 35 words and \$50 for each additional word (maximum 70). Your phone number counts as one word, but the components of your address will each be counted as a word. A cheque or money order payable to **University of Toronto** must accompany your ad. Ads must be submitted in writing, 10 days before the *The Bulletin* publication date, to **Nancy Bush, Department of Public Affairs, 21 King's College Circle, Toronto, Ontario M5S 3J3**. Ads will not be accepted over the phone. To receive a tearsheet and/or receipt please include a stamped self-addressed envelope. For more information please call: (416) 978-2106.

## ACCOMMODATION RENTALS AVAILABLE — METRO & AREA —

**Furnished condo on subway** — Bathurst & Ogilvie. Spacious 2-bedroom, 2-bath on an elevated street. Close to subway, shopping, and parks. Available April 15 — September 1. (416) 539-9850 or e-mail: dman@chass.utoronto.ca

**Short-term rental**, approximately March to October, High Park area. 2-bedroom furnished semi. Close to subway. Safe non-smoking couple. No pets. \$1,000 inclusive. Call 766-4196.

**Lovely, fully furnished faculty house**, 20-minute walk from U of T, 3 stories, across from park. Available April 15 — September 1 (dates negotiable). \$1,600 + utilities. (416) 539-9850 or e-mail: dman@chass.utoronto.ca

**Lovely, 6-bedroom Riverdale semi**, garage, big decked backyard, very close to Danforth shops, schools, Chester subway, parks. August (July negotiable) till December. \$1,400 plus utilities. David (416) 978-6935 or dolyzena@shaw.utoronto.ca

**Large, beautiful, 2-bedroom apartment** for rent. May 1, 1997, at Bloor and St. George. Includes underground parking, 24-hour security, balcony, hardwood, dishwasher, 2 bathrooms. \$1,550/month. Call 929-3568 or david.staples@utoronto.ca

**Guest house**. Walk to U of T. Restored Victorian home, furnished & equipped complete home. Shared rooms or self-contained apartment. Long- or short-term stays. Flexible dates, accommodations and rates. 588-0560

**Bloor/St. George sublet**. Available April 15 to August 31. 1-bedroom, furnished older home, very bright, quiet, 5-minute walk to U of T. Subway, \$650/month including utilities. Non-smokers. References. (416) 736-5582.

**Bathurst/St. Clair**. Four-bedroom house, fully furnished, 4 appliances. Large deck, large garden. August/September for academic year/longer. Pineview Avenue, great neighbourhood, schools close. TTC 20 minutes to campus. \$1,200+. (416) 656-0825. dinkovab@chass.utoronto.ca

**High Park/Bloor**. Very spacious, two-story furnished apartment. 2 bedrooms, 1 1/2 bathrooms. Parking. Walk to subway. Short-term rental. No pets. \$1,300 monthly inclusive. (416) 763-3899.

**Subbatical rental**, two/three bedrooms, fully furnished, huge garden, large rooms, quiet, 25-minute walk to U of T, from April

15 or August 15 (negotiable). \$1,450 including utilities. (416) 531-6042.

**Palmerton Boulevard**. Unfurnished upper duplex. Walk to U of T. Totally renovated. Parking, garden, alarm system, fireplace, deck, Jacuzzi, skylights. Huge open-concept second floor: kitchen, dining, living room. Third floor: 3 bedrooms. From March 15. \$1,960 + electricity. (416) 925-7693.

**Apartment — 4 rooms**, furnished, equipped, 2 baths. Somewhat bohemian but functional. Walk to U of T. 38 Howland Avenue. \$200/week February 24 to March 18, 1997. Ron 588-3865.

## ACCOMMODATION RENTALS REQUIRED

**Responsible academic couple** requires furnished apartment/house in central Toronto, minimum 2 bedrooms, approximately May to December 1997. (519) 824-1983, pbriog@uoguelph.ca

**Honest, thirty-something professional couple** seeks house-sitting arrangement for faculty and staff members taking sabbaticals and leaves of absence. Available immediately. Impeccable references. Call Pat, 759-1215.

## ACCOMMODATION SHARED

**Room for rent: shared use** of charming Cabagatown house, kitchen, laundry, deck, garden. 20 minutes to University on streetcar, no parking. Non-smoker, female preferred. Rent \$600/month + half utilities. Available now. Call Joan 929-8714.

**Large, quiet, unfurnished room** in spacious 2-level Annex apartment, 20 minutes walk to U of T. Share with two women (academic/professional) and two cats. \$465 + utilities. March 1. Call Anna, Karen or Sylvie, 588-3660.

**Roommate wanted to share professionally decorated 2-bedroom apartment** in recently renovated house with single female. 3 minutes walk from Kennedy subway. \$500/month including utilities. Firstlast rent required. No pets, non-smoker. April 1. Call after 6 p.m., 267-8534.

## ACCOMMODATION OUT OF TOWN

**Guelph. Charming faculty home**, quiet, tree university area. Furnished, 3 bedrooms, family room, fireplace. Approximately May to April 1998. \$1,300. Consider travel for Toronto

apartment/house May to December 1997. (519) 824-1983, pbriog@uoguelph.ca

## ACCOMMODATION OVERSEAS

**Paris — Montmartre**. Perfect sabbatical rental. Bright, spacious, modernized, furnished two-bedroom apartment overlooking tree courtyard. Six appliances. Secure. Elevator. Resident concierge. Excellent transportation/shopping. No pets or smoking. September 1997. \$2,000 monthly. (416) 978-4882; 102065.2152@compuserve.com

**Sabbatical in Avignon**, wonderful renovated mas, secluded not isolated: 4 bedrooms, 2 bathrooms, central heat, heated pool, 2 terraces, close to village school; magnificent views. True Provence. Available for 10 months from September 1, 1997. 787-8637, 804-1701.

**France — Grasse**. 15 km from Cannes. 2-room studio with kitchen, garden, pool, 350 to 450/week. Clean, simple & picturesque. In the mountains, heart of the perfume region. (416) 461-8491. Robert. (514) 466-9705 (French-speaking owner).

## BED & BREAKFAST

**Annex area**. Walking distance to U of T. Charming self-contained suite in Victorian house. Bedroom, family room with kitchenette, TV. Private bathroom. Roof-top deck. Parking. Self-catered continental breakfast. No smokers. \$78-89 daily, \$300 weekly, \$1,200 monthly. 975-2856.

## HOUSES & PROPERTIES FOR SALE

**College/Huron**. Extensively renovated Victorian, legal triplex. Spacious suites, parking, many extras. Annual income over \$43,000. Private sale. Asking \$359,000. 539-0246.

## HEALTH SERVICES

**PERSONAL COUNSELLING** in a caring, confidential environment. U of T extended health benefits provide excellent coverage. Evening and weekend hours available. Dr. Ellen Greenberg, Registered Psychologist, The Medical Arts Building, 170 St. George Street. 944-3799.

**Individual and Couple Psychotherapy**. Daytime and evening hours. U of T staff extended benefits provide full coverage. Dr. Gale Bidfeldt, Registered Psychologist, C.M.

Hicks Institute, 114 Maitland Street (Wellesley & Jarvis), 469-6379.

**Individual psychotherapy for adults**. Evening hours available. Extended benefits coverage for U of T staff. Dr. Paula Gardner, Registered Psychologist, 114 Maitland Street (Wellesley & Jarvis), 469-6377.

**PSYCHOANALYTIC PSYCHOTHERAPY** with a Registered Psychologist. Dr. June Higgins, The Medical Arts Building, 170 St. George Street (Bloor and St. George). 928-3460.

**Psychologist providing individual and group psychotherapy**. Work stress, anxiety, depression and women's health. U of T staff health plan covers cost. Dr. Sarah Maddocks, registered psychologist, 114 Maitland Street (Wellesley & Jarvis). 972-1935 ext. 321.

**Psychotherapy. Dr. Joan Hulbert**, Psychologist. Yonge Street near Davisville. (416) 465-9078. Focus on depression, anxiety, substance abuse, difficulties with assertiveness, relationship problems, self-esteem, abusive relationships. Fees may be covered by Employee Health Insurance Plan.

**Psychologist providing individual, group and couple therapy**. Personal and relationship issues. U of T extended health plan covers psychological services. For a consultation call Dr. Heather A. White, 535-9432, 140 Albany Avenue (Bathurst/Bloor).

**PSYCHOTHERAPY with Dr. Sarita Sahay**, a Registered Psychologist specializing in women's mental health. The Centre for Women's Health and Family Care, 439 Spadina Road (Spadina and St. Clair). Daytime/evening hours available. 322-6620.

**Dr. Dianne Fraser, Psychologist**. Carlton at Bessley, 923-7146. Brief holistic counselling/exercise for stress management. Focus on depression/anxiety, substance abuse, relationship, women's health. Fees covered by private/employee health insurance plans including U of T benefits.

**Psychological Services for Infants and Children**. Assessment of developmental and learning disabilities. Benefits packages may provide complete/partial reimbursement. Dr. Jo-Anne Finegan, Psychologist. 1300 Yonge Street, south of St. Clair. (416) 927-1217.

**Psychological services for children, adolescents and families**. Comprehensive assessment of learning problems, emotional and behavioural difficulties. Individual psychotherapy, parent counselling. Dr. Meagan Smith and Dr. Arlene Young, Registered Psychologists. U of T area. 926-0218. Leave message.

**Psychotherapy for adults**. Depression, anxiety, stress, personal, relationship, family and work concerns. Dr. Carol Musselman, Registered Psychologist, 252 Bloor Street West. Call 923-6641 (ext. 2448) for a consultation. Day or evening hours; covered by U of T extended health benefits.

**Dr. Cindy Wahler, Registered Psychologist** (416) 322-0899. Yonge/Eglinton area. Individual and couple psychotherapy. Depression, relationship difficulties, work-related stress, health issues, self-esteem. U of T extended health care plan covers psychological services.

**Learn how to learn**. If you want to improve in school but don't know how, I offer supportive, practical help. For adults and teenagers. LD, ADD, or just frustrated. Experienced. Affordable. Morgan Forbes, Ph.D. 922-7635.

**THERAPEUTIC MASSAGE** with aromatic essential oils naturally effects a relaxation response. Enjoy a quiet retreat from the stress of daily life. The experience will rest and refresh your body and mind. Bloor/St. George location. By appointment. Kathy Dillon, R.M.T. 787-1070.

**Electrolysis, thermolysis and the Blend**. Treatment of acne, freckles, brown spots. For men and women. Guaranteed quality at lowest prices downtown. Open 7 days. Packages available. Bay Street Clinic, 1033 Bay, Suite 322. 921-1357.

**Stiff neck? Backache? Headache?** Our experienced registered massage therapists provide effective relief. Fully covered by U of T health plan. Shiatsu, acupuncture, homeopathy, reflexology, biofeedback treatments also available. Call The Pacific Wellness Institute, 929-6958, 80 Bloor Street West, Suite 1100 (Bay & Bloor).

## MISCELLANY

**INCOME TAX PREPARATION — FREE CONSULTATION**. Quick turnaround. Personalized professional services and advice on all tax, business and financial matters. Sidney S. Ross, Chartered Accountant, 2345 Yonge St., Suite 300. Tel. 485-6069, fax 480-9861.

**Celebrate International Women's Day** in support of UWIC (Toronto) Heritage Fund, with Tema Frank, author of *Canada's Best Employers for Women*, Thursday, March 6, 1997, 5:30-7:30 p.m. at the University Women's Club of Toronto, 162 St. George Street. \$15 admission fee includes a copy of Ms Frank's book. Space is limited, so register early. Phone (416) 979-2000.

## University of Toronto St. Michael's College CELTIC STUDIES PROGRAMME

Join the Celtic Studies Programme in establishing Toronto as the primary intellectual centre in North America for the study and promotion of Celtic culture.

Buy your benefit tickets now to these exciting cultural events

IRISH NATIONAL RADIO ORCHESTRA  
THURSDAY, MARCH 6, 8:00 p.m., ROY THOMSON HALL

MORRISTON ORPHEUS CHOIR OF WALES  
SUNDAY, APRIL 6, 3:00 p.m., ROY THOMSON HALL

Ticket price: \$100 • Package price (Irish Orchestra + Morriston Choir): \$150  
A tax receipt will be issued for a portion of the ticket price.

Ticket Sales: (416) 926-2331 Fax: (416) 926-7266

## BENEFIT LECTURE UNIVERSITY ART CENTRE



Spotlight on Pembroke Castle:  
Illuminating the Turnerian Sublime

Dr. Katharine Lochan, Senior Curator, Prints and Drawings, Art Gallery of Ontario, will discuss the importance of examining the physical site of a landscape painting. She will reveal the imaginary elements as well as the symbolism encoded in U of T's epic Turner watercolour *Pembroke Castle: Clearing up of a Thunderstorm*, 1806.

Wednesday, February 26, 4:30 PM, University Art Centre  
Laidlaw Wing, 15 King's College Circle, 416-978-1838  
All invited. Donations welcomed.



## RESEARCH NOTICES

For further information and application forms for the following agencies, please contact University of Toronto Research Services (UTRS) at 978-2163; Web site: <http://library.utoronto.ca/utor/rs/rhmpage>

### INTERNATIONAL CANADIAN INTERNATIONAL DEVELOPMENT AGENCY

*Two 2 linkage funds are available to Canadian universities for distinctive, innovative linkage projects designed to respond to a specific need (or set of needs) identified and defined in dialogue with developing country partners. A linkage project is defined as a specific development activity or set of activities that will strengthen the developing country institution in its capacity to train and educate the human resources necessary for the country's development. Internal deadline is April 15.*

### INTERNATIONAL RESEARCH CENTRE

*The young Canadian researchers awards for Canadian graduate students are intended to promote the growth of Canadian capacity in research on sustainable and equitable development. Normally such research is conducted in Latin America, Africa, the Middle East or Asia. Areas of interest are integrating environmental, social and economic policies, technology and the environment, food systems under stress, information and communication for environment and development and biodiversity. Deadline is March 15.*

### NORTH ATLANTIC TREATY ORGANIZATION

*The NATO Committee on the Challenges of Modern Society fellowship program allows fellows to contribute to the work of CCMS pilot studies. The purpose of these studies is to suggest, on the basis of existing knowledge, solutions to problems relating to the natural and social environment. Deadline is February 28.*

### MEDICINE & LIFE SCIENCES DYSAUTONOMIA FOUNDATION

*The foundation is interested in applications relating to early embryonic development of the autonomic and sensory nervous systems and to molecular genetic studies specific to familial dysautonomia. Deadline is March 15.*

### HOWARD HUGHES MEDICAL INSTITUTE

*The 1997 post-doctoral research fellowships for physicians program is designed to enable selected medical students with an interest in fundamental research to spend a year of intensive work in a research laboratory. Research should probe basic biological processes or disease mechanisms. Deadline is March 15.*

**KIDNEY FOUNDATION OF CANADA**  
*Grants are available to health professionals working in nephrology or urology. Funding is available through research grants, fellowships and scholarships. New guidelines and application forms are available from UTRS. Deadline is March 15.*

**MEDICAL RESEARCH COUNCIL MRC/fellowships provide support for highly qualified post-doctoral candidates for full-time health research training. Candidates must use the application package MRC(18). Deadline is April 1.**

*The MRC group program is designed to provide support for teams of three or more investigators undertaking collaborative multidisciplinary health research in Canadian research institutions or communities. An MRC-group grant proposal consists of several projects, each scientifically meritorious, that together form an integrated research program. Further details are in the current MRC Grants & Awards Guide. The letter of intent should be made on Form MRC(42)(1997); previous versions of this form will not be accepted. Deadline is April 1.*

### UPCOMING DEADLINES

**FEBRUARY 20**  
Physicians' Services Inc. Foundation — research grants  
**FEBRUARY 25**  
CIDA — microfund for tier 2 projects  
**FEBRUARY 28**  
Hospital for Sick Children Foundation — external grants (letter of intent)  
Thyroid Foundation of Canada — summer student research scholarships,

### research fellowships

U of T Life Sciences Committee — Elsie Winifred Crann award (nominations), Dales award (nominations)  
**MARCH 1**  
Bunting Research Foundation — research grants  
Canadian Heritage — Canadian ethnic studies research grants; visiting lecture-series, conferences, fellowships  
Cancer Research Foundation of America — research, educational grants; research fellowships  
Fight for Sight (Prevent Blindness America) — post-doctoral research fellowships, student fellowships  
Health Canada/NHRDP — personnel awards  
International Cystic Fibrosis Association — scholarships, visiting expert, research project grants, training courses  
MRC — operating, equipment, maintenance grants; clinical trials, workshops and symposia, studentships  
SSIRHC — international summer institutes (letter of intent)

### MARCH 14

Human Resources Development Canada — North American mobility in higher education research funding  
**MARCH 15**  
Arthritis Society — alternative and complementary medicines/therapies research awards  
Lynde & Harry Bradley Foundation — research grants

Heart & Stroke Foundation of Ontario — Martin L. Wills, John D. Schultz scholarships  
NSERC — visiting fellowships

### MARCH 17

U of T, Connaught Fund — support for international symposia/colloquia  
**APRIL 15**  
Agriculture & Agri-Food Canada/NSERC — research partnership program  
Canadian Forest Service/NSERC — research partnerships program  
NRC/NSERC — research partnership program  
NSERC/Department of National Defence — research partnership program grants

## PHD ORALS

Graduate faculty please call the PhD examinations office at 978-5258 for information regarding time and location for these listings.

### THURSDAY, FEBRUARY 20

Mario Kataoka Filho, Aerospace Science & Engineering,  
"Optimization of Nonhomogeneous Facesheets in Composite Sandwich Plates."  
Prof. J.S. Hansen.

### TUESDAY, FEBRUARY 25

Peter Campbell Austin, Mathematics, "Products of Involutions in the Chevalley Groups of Type (F<sub>K</sub>)."  
Prof. E.W. Ellers.

### WEDNESDAY, FEBRUARY 26

Sandy Don Der, Molecular & Medical Genetics, "Regulation of Interferon-alpha Genes." Prof. V.L. Chan and A. Lau.

### FRIDAY, FEBRUARY 28

Elizabeth Jane Cowley, Management, "The Moderating Influence of the Level of Consumer Knowledge on the Retrieval of Brand Information."  
Prof. A.A. Mitchell.

Ryosuke Morita, Zoology, "Phylogeny of the Ichthyosauria (Amniota: Reptilia) with Special Reference to Triassic Forms."  
Prof. C. McGowan.

Kim Annette Robinson, English, "Being in the Path of Possibility: Gender and Representation in the Poetry of Lorna Goodison, Medbh McGuckian and Susan Howe"  
Prof. J.E. Chamberlin.

## COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees. The deadline for submissions is Monday, two weeks prior to publication.

### ADVISORY

CHAIR, DEPARTMENT OF METALLURGY & MATERIALS SCIENCE  
*An advisory committee has been established to recommend a chair of the department of metallurgy and materials science. Members are: Dean M.E. Charles, Faculty of Applied Science & Engineering (chair); Professors T.H. North, H.E. Ruda, J.M. Togni and T.A. Ungard, metallurgy and materials science; K.A. Woodhouse, chemical engineering and applied chemistry; Benoit Benhabib, mechanical and industrial engineering; and D.E. Cormack,*

associate dean, Division III, School of Graduate Studies; and Warren Adolphe, graduate student; and Lucy Bahadourian, undergraduate student.

Nominations and comments should be directed to the chair or to any member of the committee.

### PLEASE NOTE

Committee notices must include the full names of the departments or divisions in question and the last names of committee members must be accompanied by full first names and two initials. For more information please call Ailsa Ferguson at 978-6981.



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## GOVERNING COUNCIL ELECTIONS



## BALLOTS MAILED

During the week of February 17th ballots will be mailed to the following constituencies:

### For the Governing Council Election:

- to administrative staff
- to teaching staff at Scarborough College
- to teaching staff in the Faculty of Dentistry, the Faculty of Nursing, the Faculty of Pharmacy, and the School of Physical and Health Education
- to graduate students in constituency I (Divisions I and II of SGS)
- to graduate students in constituency II (Divisions III and IV of SGS)

The election closes at 5 p.m.,  
Tuesday March 11th, 1997

If you do not receive a ballot, please call the Chief Returning Officer at 978-8428.

# MORE THAN JUST A GAME

*Sports play a central role in society and the university*

By BRUCE KIDD

IN THEIR 19TH-CENTURY ORIGINS, SPORTS WERE the preserve of young upper-class males of British background. Today they are played and watched at some point by virtually everyone — females as well as males, those with disabilities as well as the able, the old as well as the young and persons from every class, race and cultural background. Sports have become by far the most popular of the many forms of physical culture practised in Western societies. Ambitious parents teach them to their children before they can walk. In 1992 a national study found that 9.6 million Canadians over the age of 15 competed in sports during the previous 12 months. In Ontario 4.2 million people play sports, more than 40 per cent of the provincial population.

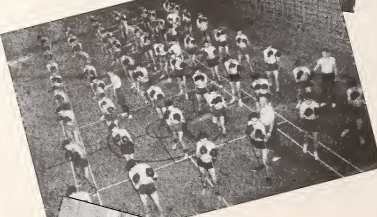
The numbers are even greater for spectatorship. Thousands of people attend prestigious events such as the Stanley and Grey Cups, the World Cup of soccer and the Olympic, Commonwealth and Pan-American Games and millions more follow them on radio and television. Last summer, when representatives of 197 national Olympic communities marched into the Olympic Stadium in Atlanta, an estimated 3.5 billion people watched around the world.

It is impossible to describe modern life accurately without some account of sports. Though often trivialized as "just entertainment" or the "playpen of society," these activities have considerable social impact. They provide many of us with significant formative experiences. To race, dunk baskets or shoot a puck is not only to perform a skill but to embody, express and elaborate a complex code about self and culture — in short, to acquire an identity. The sporting context tutors competitors in the expectations and boundaries of self-display and interpersonal relations and the geography, history and hierarchies of their lives.

For the spectator, too, the cultural influence of sports is deeply felt. Sports stir the passions and excite the imagination, often in unforgettable ways. The artistry of a great athlete and the adrenalin of a close contest speed up the heart and lift us out of ourselves in visceral identification. It is not only the most famous nationally confirming accomplishments, such as Paul Henderson's last-minute goal against the Soviets in the 1972 hockey series, that produce such exhilaration. I often feel the same way in the Benson sports gym.

SPORTS HAVE BEEN INTEGRAL TO THE UNIVERSITY of Toronto since its earliest beginnings in the colonial period. Students have always sought to play them, and gradually faculty and staff encouraged them, in the interests of character-building, physical fitness, campus morale and institutional prestige. Well before the turn of the century there was a vast program of instructional classes and intramural and intercollegiate competitions. Until 1968 undergraduates were required to pass a swim test and take at least one formal activity in order to graduate. In 1900 the university established a diploma program for physical activity leaders, the forerunner of the current four-year degree in the School of Physical and Health Education. Many graduates recount their athletic experiences with pleasure and gratitude.

Perhaps the best-known aspect of this history has been the inspirational performances and achievements of students and graduates. U of T athletes have won world, Olympic and other international honors as well as countless Ontario and Canadian championships in both open and intercollegiate competition. The first Canadian to win gold at the Olympics was alumnus George Orton, in the 2,500-metre steeplechase at the Paris Games of 1900, and there has not been a Games since in which U of T was not represented. Emma Robinson added to the medal count last summer in Atlanta as part of the gold-medal women's rowing eights. In the interwar



***Sports at the university: Until 1968 undergraduates were required to pass a swim test and take at least one formal activity in order to graduate.***

period when the best U of T teams took on all comers, they won Grey and Allan Cups, emblematic of national men's football and ice hockey supremacy, and the Olympic championship. Hugh Plaxton, captain of U of T's 1928 gold medal hockey team, later became a member of Parliament.

U of T's contribution to the development of Canadian sport is just as impressive. U of T organizers were central to the development of intercollegiate competition — the first intercollegiate track and field meet in North America was staged here in 1868 — and the codification of rules in games like Canadian football. Early leaders like Jim Merrick, Bruce MacDonald and Marie Parkes were instrumental in the creation of amateur sport associations and their spread across the country. Merrick established the Canadian Olympic Association and was the first Canadian to serve on the International Olympic Committee; Parkes served as manager for the first Canadian women's team to compete in the Olympic Games, in 1928 in Amsterdam. Today alumnae Carol Anne Lethen, chief executive officer of the COA and one of the few female members of the IOC, and Liz Hoffman, president of the Canadian Interuniversity Athletic Union, continue the tradition of leadership.

U OF T FACILITIES HAVE LONG BEEN THE FOCAL point for Toronto, Ontario and pan-Canadian sports. In the 19th century the Lawn, as the front campus was then called, was the site of the most important contests, such as in 1872 when cricketer W.G. Grace, who was as famous in the Victorian era as Michael Jordan is today, and the Twelve Gentlemen of England played against the 22 men of the Toronto Club. For much of the 20th century Varsity Stadium (erected in 1898 on the site of the university golf course) and Varsity Arena (constructed in 1926) were among the best known venues in Canada.

Yet despite the prominence of athletics, the critical examination of sports has rarely been the subject of intellectual inquiry in the university, except in the School of Physical and Health Education. Faculty in the mainstream disciplines may argue about last night's game over coffee, or organize their lives around their own workouts and their offspring's games, or conversely, rail against the pre-empting of CBC's *The National* for Hockey Night in Canada, but they would not consider these phenomena subject for serious scholarship. In this they are no different than their counterparts at most other universities. Almost all the social scientists and humanists I know from mainstream disciplines who write about sports or present at learned societies such as the North American Society for Sport History or the North American Society for the Sociology of Sports only dare to act on such interest after they had obtained tenure and established their careers with scholarship on other subjects.

Sports have powerful cultural, economic and even political force in contemporary society; mostly for the direct participants and spectators, of course, but they touch everyone. For better and sometimes worse, they socialize us in our values, habits and important choices and they contribute in important ways to the economic, social and symbolic life of the communities in which they are conducted. Sports give many people the most enriching moments of their lives. It can be argued that they stimulate one of the most valued forms of popular international communication and exchange. They deserve much more serious attention in the scholarship of the academy.

Bruce Kidd is the director of the School of Physical and Health Education. The preceding was excerpted from his keynote address to the 19th University College Symposium, Sport and Society.